

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L1 | 1 | "4445829".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 12:58 |
| S1 | 33 | "108904" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 11:23 |
| S2 | 16 | ((("0108904") or ("0922790") or ("0252133") or ("0013007") or ("2764103") or ("5639219") or ("2266354") or ("6094142") or ("5730324") or ("4867195"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/12/17 13:39 |
| S3 | 551 | navarro.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 11:24 |
| S4 | 9 | navarro-ramon-m.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 11:25 |
| S5 | 768 | 417/540.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 08:45 |
| S6 | 478 | 417/38.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 11:40 |
| S7 | 4 | (US-20050089428-\$).did. or (US-6305416-\$ or US-5979478-\$ or US-5320495-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/12/18 12:29 |
| S8 | 5 | ("3650324" "3679326" "3994624" "4304526" "5147530").PN. OR ("5320495").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 14:03 |
| S9 | 447 | 417/36.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 14:03 |
| S10 | 419 | S9 not S6 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 14:24 |
| S13 | 26 | supplemental adj damper | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 14:34 |
| S16 | 104 | secondary adj damper | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 14:34 |
| S17 | 11 | S16 and tank | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/18 14:36 |

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| S18 | 167 | 417/540.ccls. and (tank or vessel) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 08:45 |
| S19 | 15 | ("3572381" "3639081" "3744932" "3746471" "3775025" "4290735" "4344741" "4799864").PN. OR ("4897022").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 09:02 |
| S20 | 5742 | pump and pulsation and (tank or vessel) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 09:07 |
| S21 | 1007 | pump and pulsation with (tank or vessel) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 09:07 |
| S22 | 118 | S21 and "417".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 09:55 |
| S23 | 866 | 141/94.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 09:55 |
| S24 | 108 | ("0150606" "0450494" "0923183" "1263751" "1331615" "1562991" "1588863" "1604257" "1908684" "2056179" "2141638" "2189945" "2259319" "2285830" "2307616" "2327475" "2425962" "2449270" "2757744" "2757823" "2784747" "2792148" "2867282" "3019843" "3120273" "3172566" "3172581" "3240388" "3366280" "3419882" "3421665" "3601284" "3782599" "3786421" "3835930" "3863687" "3889701" "3931497" "4085313" "4097724" "4131214" "4177863" "4249392" "4346012" "4354620" "4397405" "4403075" "4469129" "4541545" "4561292" "4615362" "4638928" "4685327" "4782511" "4784902" "4807675" "4838356" "4839065" "4842139" "4881579" "4911326" "4960222" "5010238" "5032447" "5038456" "5081761" "5088530" "5104700" "5265656" "5284191" "5314027" "5330009" "5333785" "5573066").PN. OR ("6182710").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 10:25 |
| S25 | 6 | ("3875980" "4768347" "4991633" "5176187").PN. OR ("5655579").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:42 |
| S26 | 402 | 417/543.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:43 |

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| S27 | 768 | 417/540.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:43 |
| S28 | 390 | S26 not S27 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:43 |
| S29 | 478 | 417/38.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:43 |
| S30 | 384 | S28 not S29 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:43 |
| S31 | 447 | 417/36.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:43 |
| S32 | 384 | S30 not S31 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:43 |
| S33 | 17 | ("1777891" "2100404" "2269625" "2565374" "3292661" "4260333" "4728264" "4756291" "4789308" "4926829" "5122039" "5152271"). PN. OR ("5487652").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:47 |
| S34 | 27 | ("2094457" "2347379" "2485752" "2530190" "2773455" "2896862" "3486530" "3693348" "4032265" "4190403").PN. OR ("4445829").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/19 16:55 |
| S35 | 17 | (US-20050089428-\$).did. or (US-6305416-\$ or US-5979478-\$ or US-5320495-\$ or US-5147530-\$ or US-4304526-\$ or US-4132242-\$ or US-4897022-\$ or US-6520220-\$ or US-6431400-\$ or US-6182710-\$ or US-5913344-\$ or US-5655579-\$ or US-5477896-\$ or US-1394611-\$ or US-4445829-\$ or US-2764103-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/12/20 09:09 |
| S36 | 3606 | ("pressure tank" or vessel or tank) and pump and overpressure | US-PGPUB; USPAT | OR | ON | 2006/12/20 09:47 |
| S37 | 0 | 417/38,36.ccls. and (tank or vessel) and "pressure regulator" and "over-pressure relief valve" | US-PGPUB; USPAT | OR | ON | 2006/12/20 09:49 |
| S38 | 0 | 417/38,36.ccls. and (tank or vessel) and "over-pressure relief valve" | US-PGPUB; USPAT | OR | ON | 2006/12/20 09:49 |
| S39 | 21 | 417/38,36.ccls. and (tank or vessel) and "pressure regulator" | US-PGPUB; USPAT | OR | ON | 2006/12/20 09:49 |

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| S40 | 24 | ("2412107" "2533428" "2660953" "3126029" "3482598" "3537357" "3593744" "3625256" "3868972" "3876336" "4124331").PN. OR ("4304526").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 09:58 |
| S41 | 5 | ("3650324" "3679326" "3994624" "4304526" "5147530").PN. OR ("5320495").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 10:29 |
| S42 | 39 | "over-pressure relief valve" same tank | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 10:56 |
| S44 | 767 | "piston pump" with tank | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 10:59 |
| S45 | 1 | "centrifugical pump" and tank | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 10:57 |
| S46 | 7353 | "centrifugal pump" and tank | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 10:57 |
| S48 | 909 | S46 and "417".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 10:57 |
| S49 | 2042 | 417/38,36,540,543.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 10:59 |
| S50 | 108 | S49 and "piston pump" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 11:02 |
| S51 | 65 | S49 and "centrifugal pump" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 11:12 |
| S52 | 91 | S49 and "diaphragm pump" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 11:48 |
| S53 | 7 | S49 and "pressure sensor" and probe | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 11:49 |
| S54 | 482 | ("pressure tank" or "pressure vessel") and "pressure sensor" and probe | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 11:57 |
| S55 | 0 | ("pressure tank" or "pressure vessel") and "pressure sensor" and probe and "air to liquid" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 11:50 |
| S56 | 8 | S54 and "417".clas. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 11:59 |

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| S57 | 3 | "air-to-liquid ratio" with probe | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 11:59 |
| S58 | 13 | "air-to-liquid ratio" and tank | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 12:01 |
| S59 | 0 | "air to liquid ratio" and tank | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 12:01 |
| S60 | 196050 | tank with pressure sensor and probe | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 12:02 |
| S61 | 151402 | tank with pressure sensor with probe | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 12:02 |
| S62 | 27 | tank with "pressure sensor" with probe | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 12:08 |
| S63 | 202 | 141/85.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 12:08 |
| S64 | 32 | ("0246193" "0901859" "1034505" "3214643" "3279379" "3671142" "3714956" "3951184" "4186849" "4347877" "4623516" "4874021" "5152500" "5232023" "5275201"). PN. OR ("5771917").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 13:00 |
| S65 | 49 | ("0818481" "1642920" "1795763" "2039275" "2562415" "2679851" "4187957" "4285445").PN. OR ("4386637").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 13:23 |
| S67 | 231 | 73/702.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 13:57 |
| S68 | 3 | ("3902355" "4498344" "4509970"). PN. OR ("4703657").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 13:51 |
| S69 | 125 | 73/704.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 13:57 |
| S70 | 117 | S69 not S67 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:02 |
| S71 | 181 | 73/730.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:02 |

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| S72 | 180 | S71 not S67 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:02 |
| S73 | 180 | S72 not S69 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:41 |
| S74 | 835 | 73/729.1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:41 |
| S75 | 833 | S74 not S71 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:42 |
| S76 | 828 | S75 not S67 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:42 |
| S77 | 825 | S76 not S69 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:42 |
| S78 | 88 | S77 and (tank or vessel) and pressure | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:46 |
| S79 | 6 | S77 and (tank or vessel) and pulsation | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:48 |
| S80 | 1839 | 138/30.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:49 |
| S81 | 655 | S80 and (tank or vessel) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:49 |
| S82 | 642 | S81 and (pressure or pulsation) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 14:49 |
| S83 | 1 | ("2003/0000588").URPN. | USPAT | OR | ON | 2006/12/20 15:00 |
| S84 | 21 | ("2852033" "2886063" "2963044" "3103234" "3602243" "3744527" "3874417" "3874509" "4030971" "4044795" "4169757" "4262700" "4556087").PN. OR ("4637434").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 15:45 |
| S85 | 0 | "pressure sensing mechanism" with probe and tank | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 15:45 |
| S86 | 4 | "pressure sensing mechanism" with probe | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 15:46 |

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| S87 | 166 | "pressure sensor" with probe and tank | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 16:13 |
| S88 | 1 | "3797317".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/20 16:13 |
| S89 | 40 | (US-20050089428-\$ or US-20030172716-\$ or US-20030143088-\$ or US-20030000588-\$).did. or (US-6305416-\$ or US-5979478-\$ or US-5320495-\$ or US-5147530-\$ or US-4304526-\$ or US-4132242-\$ or US-4897022-\$ or US-6520220-\$ or US-6431400-\$ or US-6182710-\$ or US-5913344-\$ or US-5655579-\$ or US-5477896-\$ or US-1394611-\$ or US-4445829-\$ or US-2764103-\$ or US-2550435-\$ or US-2256370-\$ or US-6467464-\$ or US-5924291-\$ or US-6264431-\$ or US-5883489-\$ or US-6227241-\$ or US-5129427-\$ or US-5771917-\$ or US-5862946-\$).did. or (US-4498511-\$ or US-4386637-\$ or US-6408864-\$ or US-4703657-\$ or US-6041820-\$ or US-4637434-\$).did. or (US-2081799-\$ or US-1235112-\$ or US-2412107-\$ or US-2682154-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 10:43 |
| S90 | 1 | "4445829".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/12/21 12:58 |